

Applicants assert claim 10 is allowable.

Further, Applicants have added claim 36 which generally includes the language of both claims 1 and 10. Since the Examiner has indicated that claim 10 is allowable, and new claim 36 includes the elements of claim 10 and any claims it depends from, Applicant respectfully assert that it is also allowable.

6. **CONCLUSION**

In view of the above amendments to the claims, Applicants respectfully assert that the rejections of the Examiner have been successfully overcome. Applicants respectfully assert that this application in condition for allowance and request further action commensurate thereon. The Examiner is encouraged to contact the undersigned attorney for the Applicants at 206 628 7634 to discuss this application.

Respectfully submitted,



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Version With Markings to Show Changes Made

IN THE SPECIFICATION

Please amend page 7, lines 25- 32 as follows:

The unsaturated synthetic base oil or an unsaturated synthetic dienophilic base oil is reacted with a second moiety. [Preferably, the second moiety comprises unsaturated compounds having a diene conjugated carbon-carbon double bond and a carboxylic acid moiety or anhydride group. Most preferably, the second moiety is selected from the group consisting of maleic acid, maleic anhydride, sorbic acid, sorbic anhydride, tetrahydrophthalic anhydride, tetrahydrophthalic acid, salicylic acid, salicylic anhydride, acrylic acid, acrylic anhydride, C₁₋₁₀ alkyl, C₂₋₁₀ alkenyl, or C₁₋₁₀ alkoxy derivatives of the forgoing acids and anhydrides, and combinations thereof.] The first and second moieties [for] form an intermediate product.

IN THE CLAIMS

1. (Amended) An anti-wear compound [,] comprising:

[an intermediate adduct of] reacting a first moiety [reacted in a first reaction] with a second moiety in a molar ration of from about 1:2 to about 2:1 at a temperature of from about 22° C to about 320° C under an inert atmosphere to form [the] an intermediate adduct;

[and further] esterfying the intermediate adduct with a third moiety in a molar ratio of from about 1:2 to about 2:1, wherein the first moiety is an unsaturated synthetic base oil or an unsaturated synthetic dieneophilic base oil, [wherein] the second moiety is a structure having a diene conjugated carbon-carbon double bond and a carboxylic acid or anhydride moiety, and the third moiety is a polyhydroxy compound [wherein the first reaction comprises mixing the first moiety with the second moiety in a molar ration of from about 1:2 to about 2:1 at a temperature of from about 22 C to about 320 C under and inert atmosphere; and wherein the third moiety is a polyhydroxy compound].

10. (Thrice Amended) The anti-wear compound of claim 1 wherein the anti-wear compound is made from the first moiety, second moiety and third moiety compounds selected from the group consisting of respectively in order for each anti-wear compound trimethylol propane trioleate -maleic anhydride-sorbitol, [trimethylol propane trioleate -maleic anhydride-sorbitol], trimethylol propane trioleate -sorbital-sorbate, and trimethylol propane trioleate -maleic

anhydride-hydroquinone.